

#### ABSTRACT OF THE DISCLOSURE

Disclosed is a mixer comprising a receptacle, a support, a gas tube and a shaker. The receptacle defines a chamber including a lower portion for receiving a supply of particulate material and an upper portion contiguous with the lower portion. The receptacle has an inlet formed therethrough contiguous with the lower portion and an outlet formed therethrough contiguous with the upper portion. A support is provided, for supporting the receptacle for vibratory movement. A gas tube delivers a flow of gas to the inlet. A shaker is connected to the receptacle to effect said vibratory movement in a manner sufficiently vigorous to create a dispersion of said particulate material through which gas delivered to the inlet can diffuse to the outlet, at least a portion of said dispersion being fluidized so as to issue, with said gas, through the outlet as a flow of gas having particulate material entrained therewithin.